

PURDUE UNIVERSITY

**P** PURDUE  
UNIVERSITY®



## 8 New Majors

- Data Science
- Industrial Management Data Analytics
- Design and Construction Integration
- Computer Engineering Technology
- Energy Engineering Technology
- Construction Management Technology
- Plant Studies Exploratory
- Aquatic Sciences\* (*Not on ICE list*)

## 10 New Minors

- Aquatic Sciences
- Data Driven Agriculture
- Bioinformatics
- Fermentation Sciences
- Global Food & Agriculture Systems
- Insect Biology
- Occupational Health Sciences
- Mathematical Economics
- Smart Manufacturing Enterprise
- Advance Global Technology

## 5 New Certificates

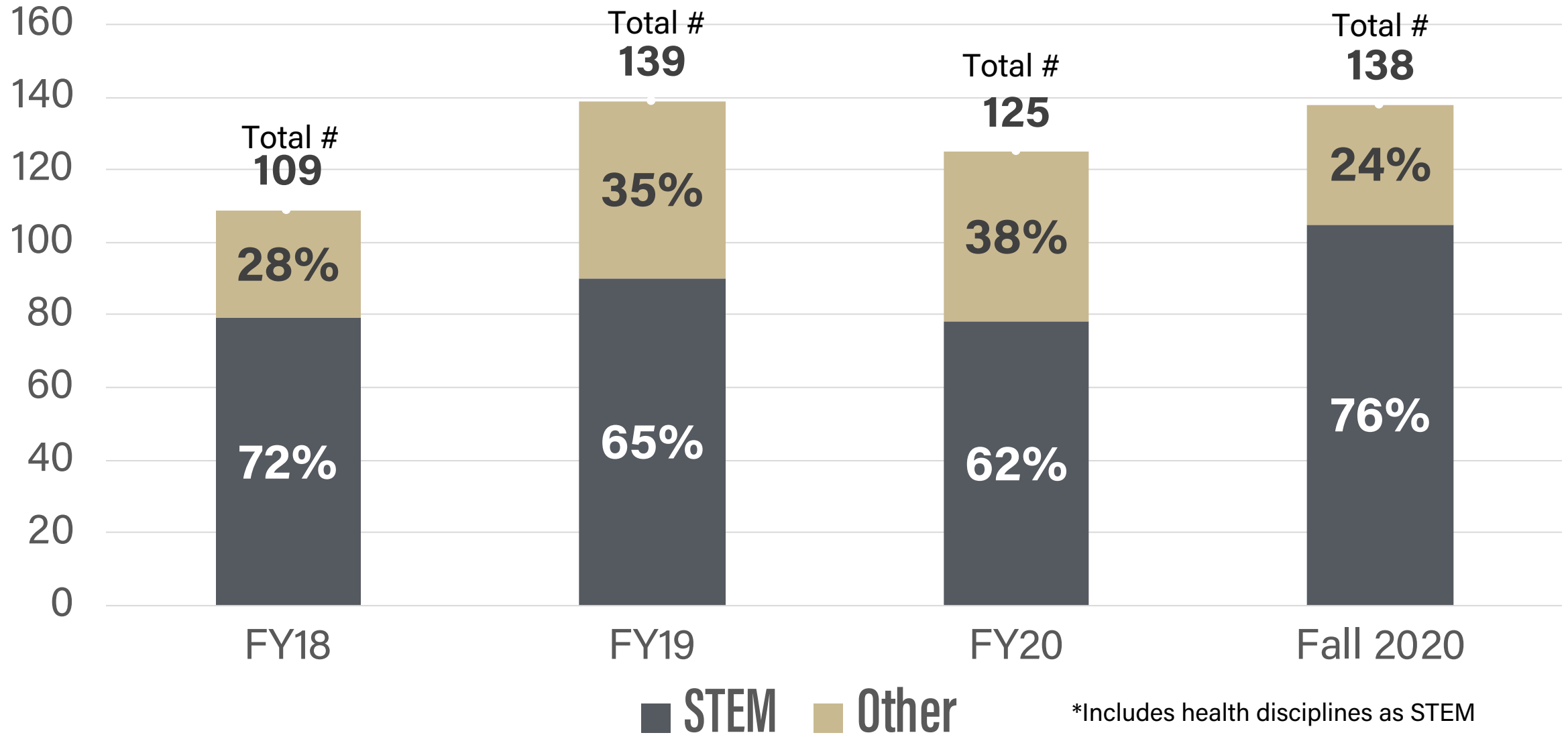
- K-12 Integrated STEM Education Certificate
- Science, Technology, and Society (STS)
- Music Technology
- Teaching Secondary Education Computational Thinking
- Applied Data Science

## 19 New Concentrations Including...

- Insect Biology Forensic Entomology
- Marine and Freshwater Biology
- Fisheries
- Bioarcheology
- Sustainable Biomaterials

# New Faculty Hires Mostly in STEM

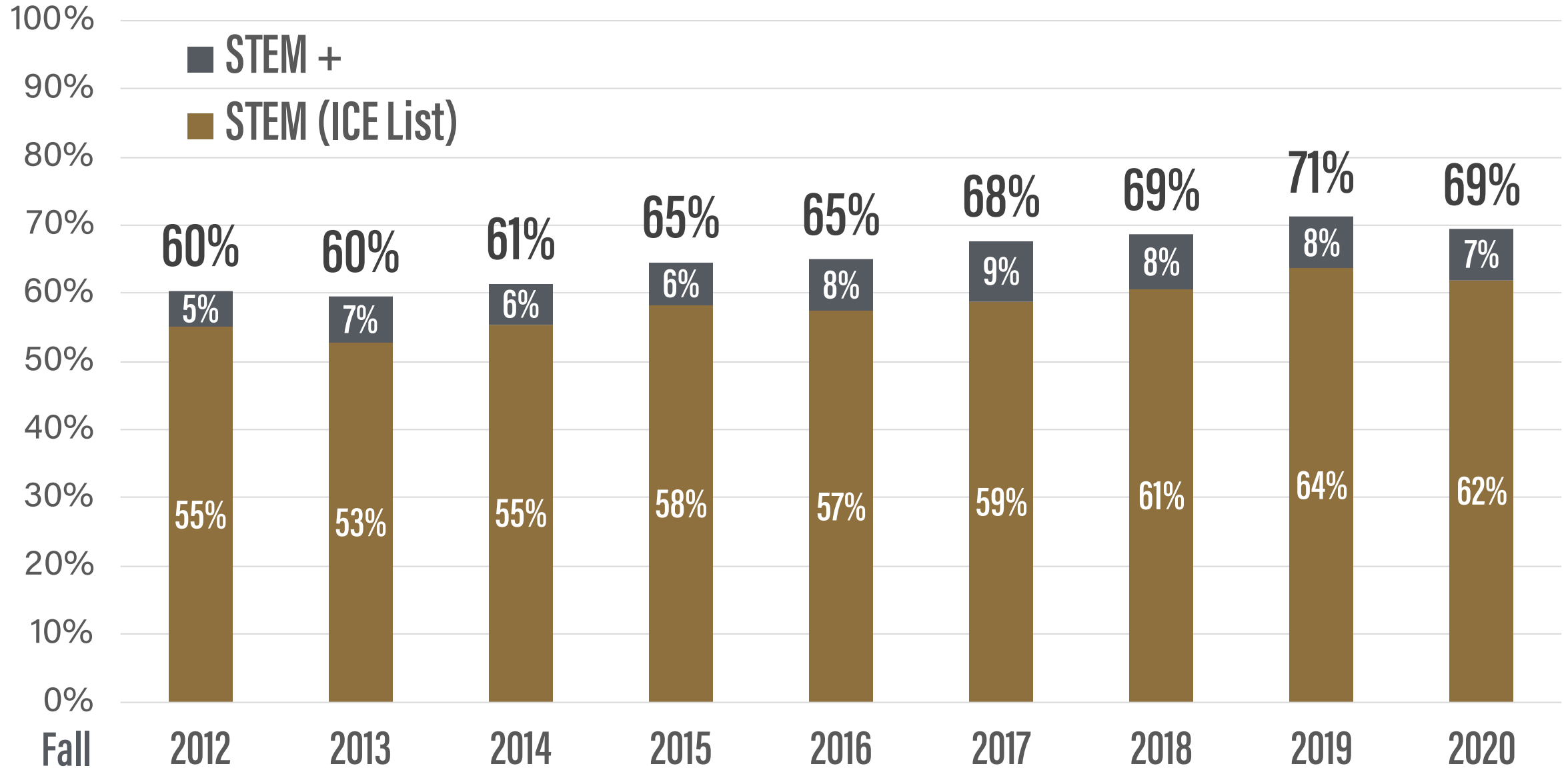
352 STEM Faculty Hired since 2018; 68% of all new hires



# Not Included in Federal STEM Definition

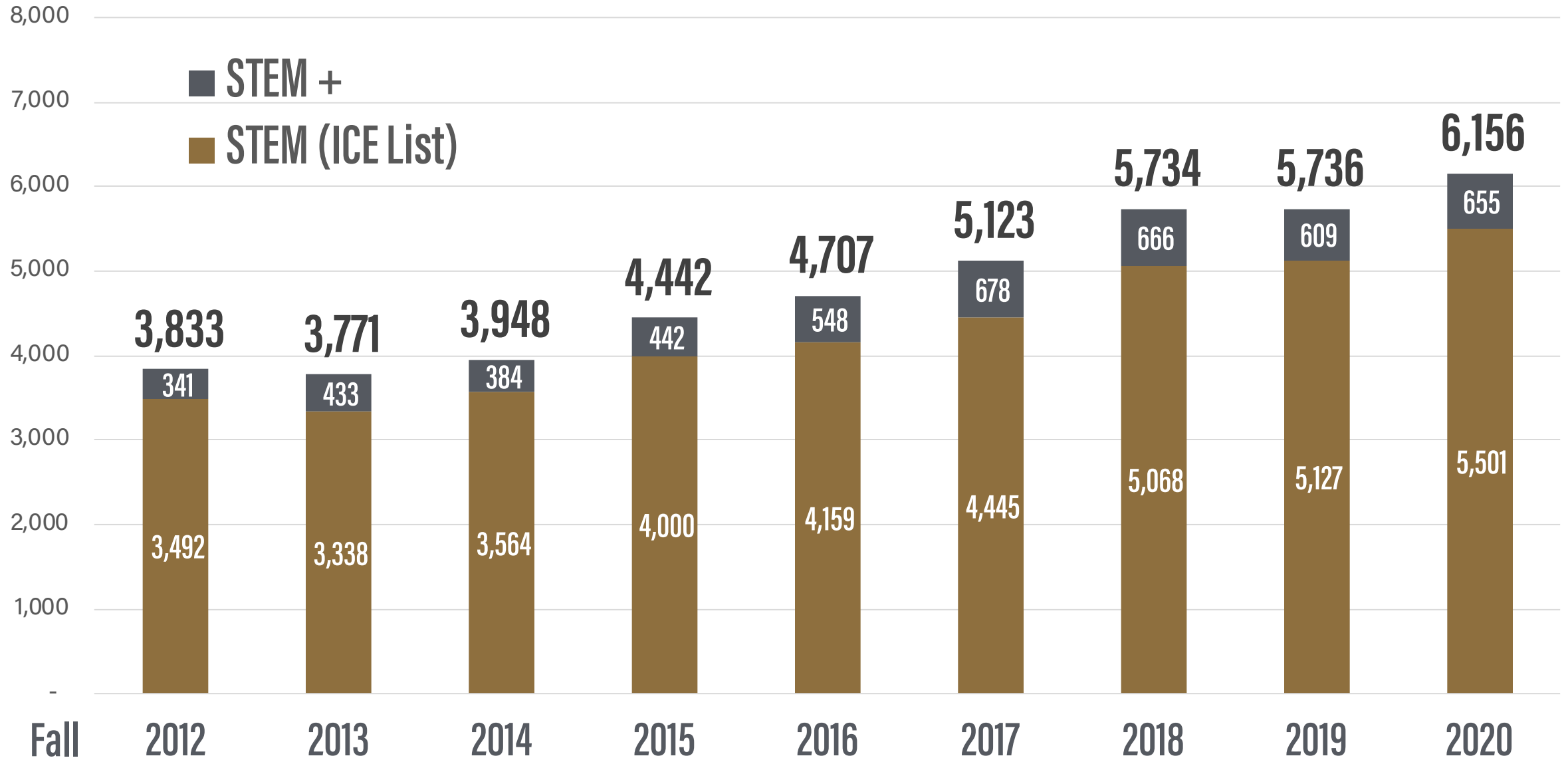
College	Major
<b>College of Agriculture</b>	Aquatic Sciences / Fisheries
	Forestry
	Pre-Veterinary Medicine
	Turf Management & Science
	Wildlife
<b>College of Health and Human Sciences</b>	Accelerated Nursing
	Applied Exercise & Health
	Coordinated Dietetics
	Environmental Health Science
	Health Science Pre-Professional
	Kinesiology
	Nursing
	Radiological Health Sciences
	Speech, Language & Hearing Sci
	Nutrition & Dietetics
	Nutrition, Fitness & Health
	Occupational Health Science

# More Freshmen Enrolled in STEM Majors Annually by Percent



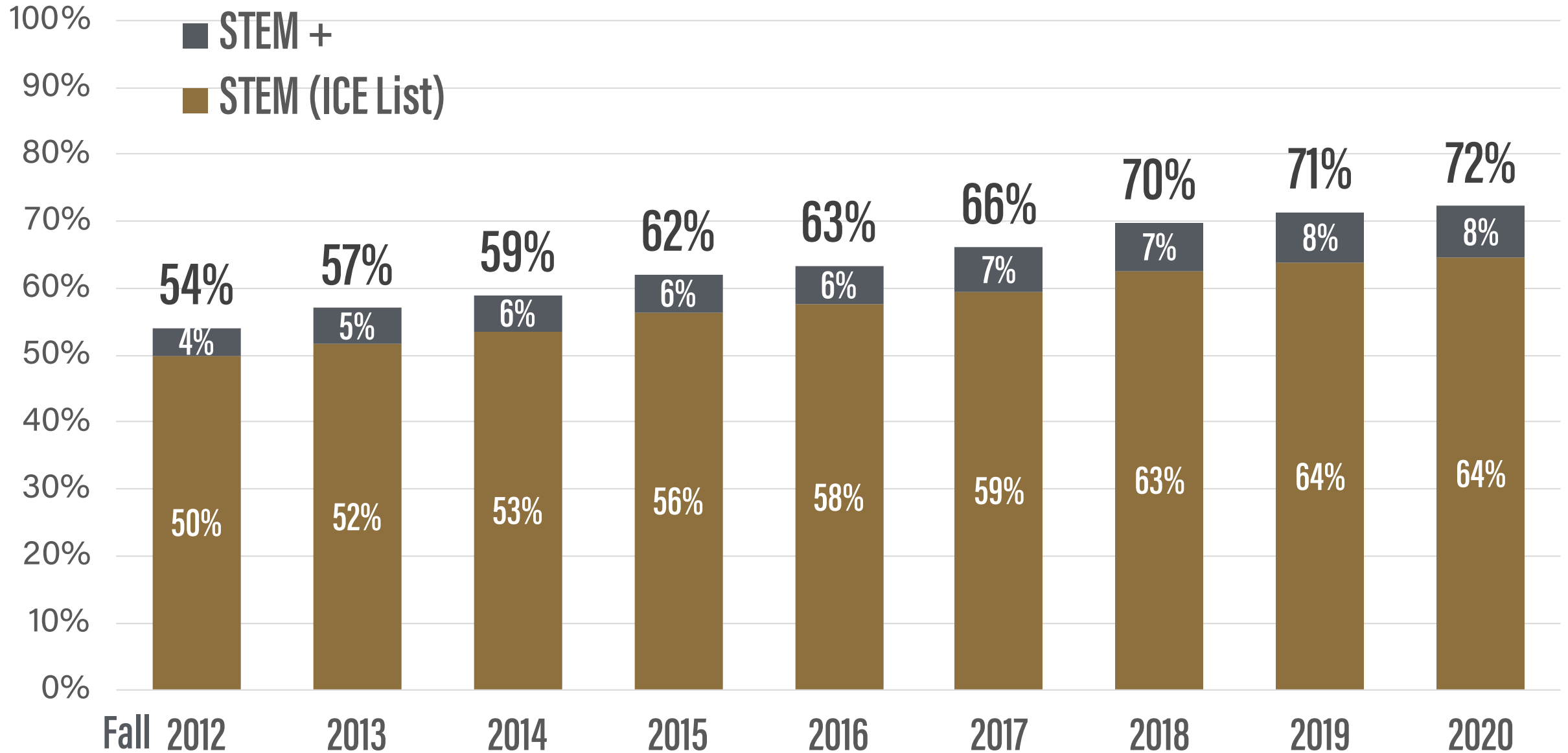
*"Freshmen" refers to "New Beginners"*

# More Freshmen Enrolled in STEM Majors Annually

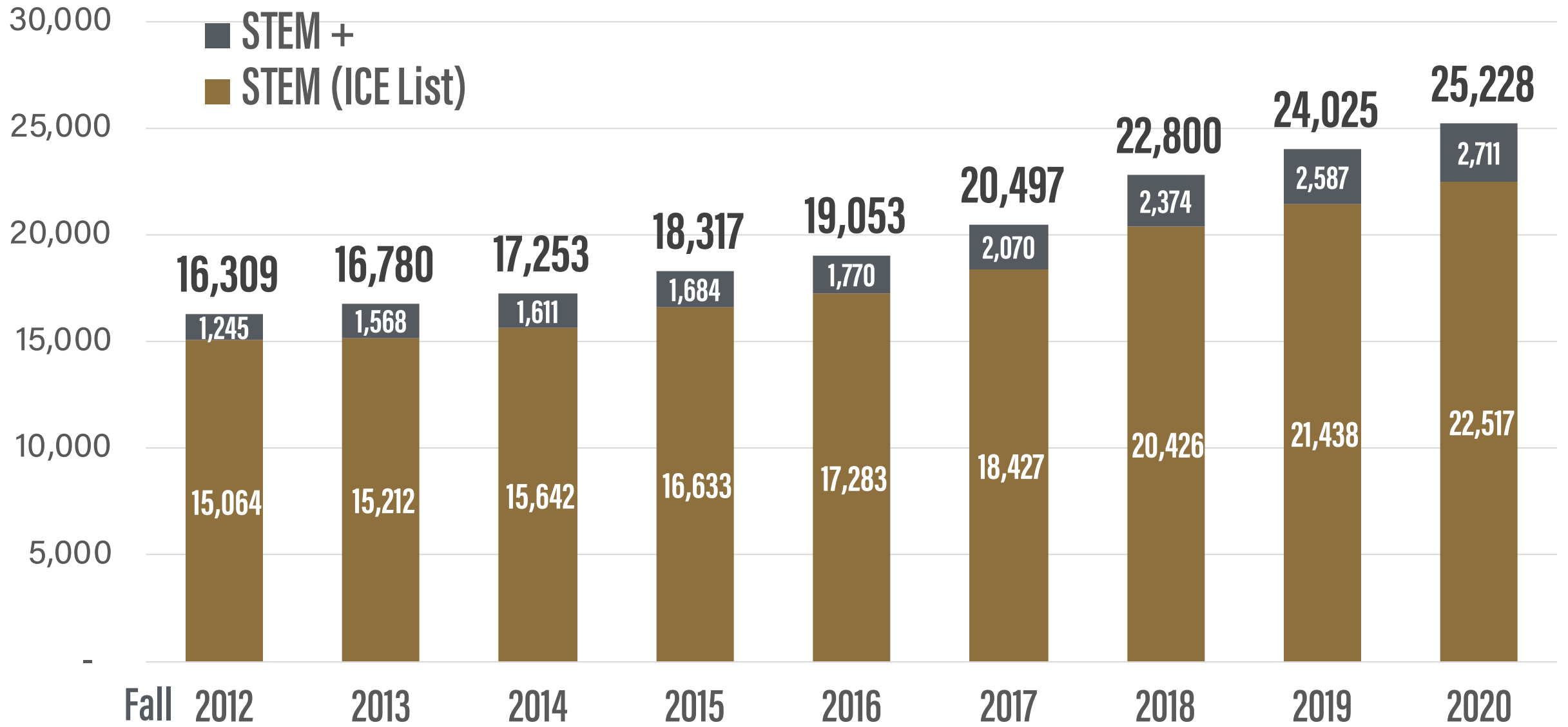


*"Freshmen" refers to "New Beginners"*

# More Undergraduates Enrolled in STEM Majors Annually by %



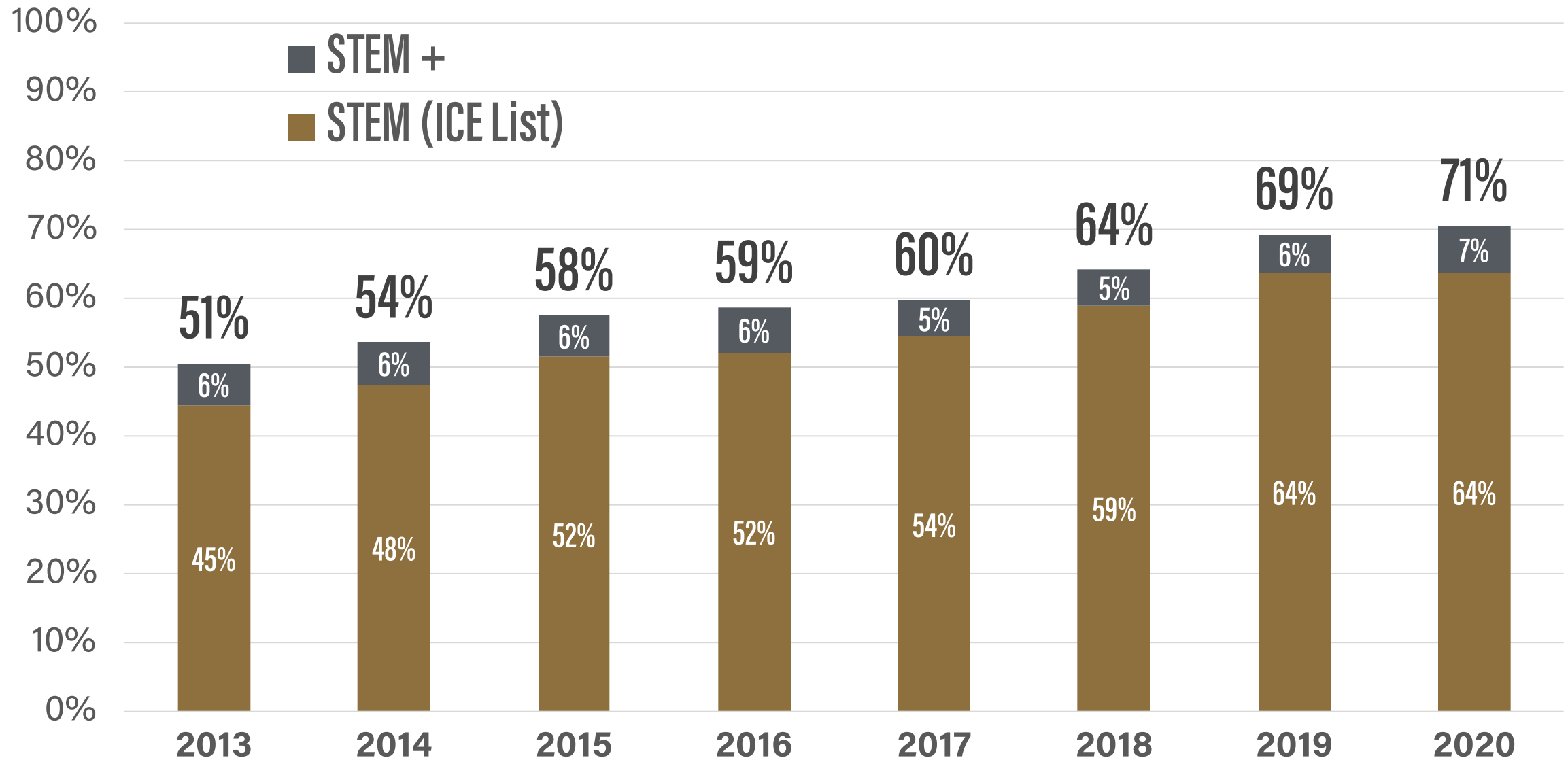
# More Undergraduates Enrolled in STEM Majors Annually



*Bachelor's degrees only.*

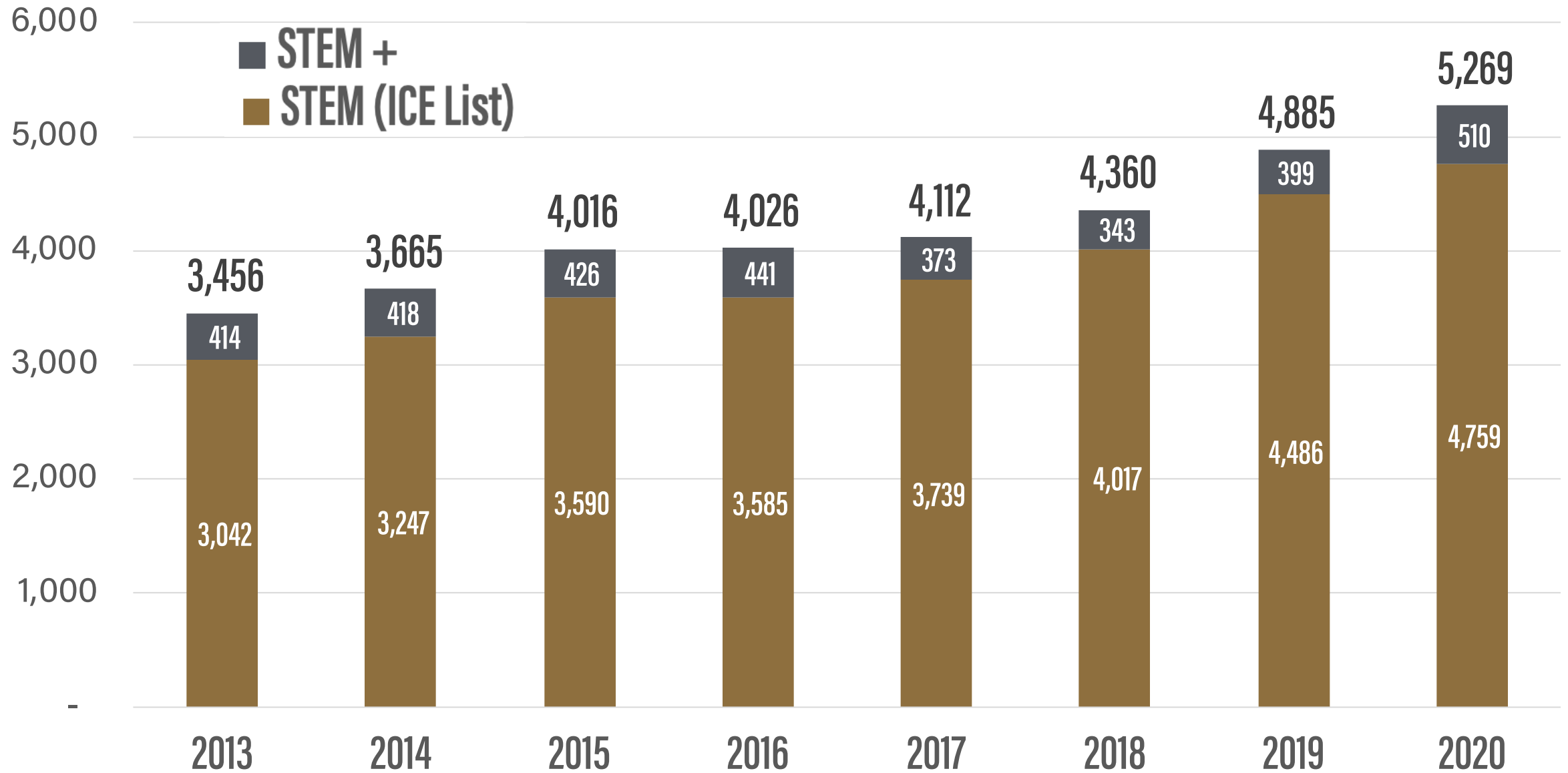


# More STEM Degrees Awarded as a Percent of All Degrees



*Bachelor's degrees only.*

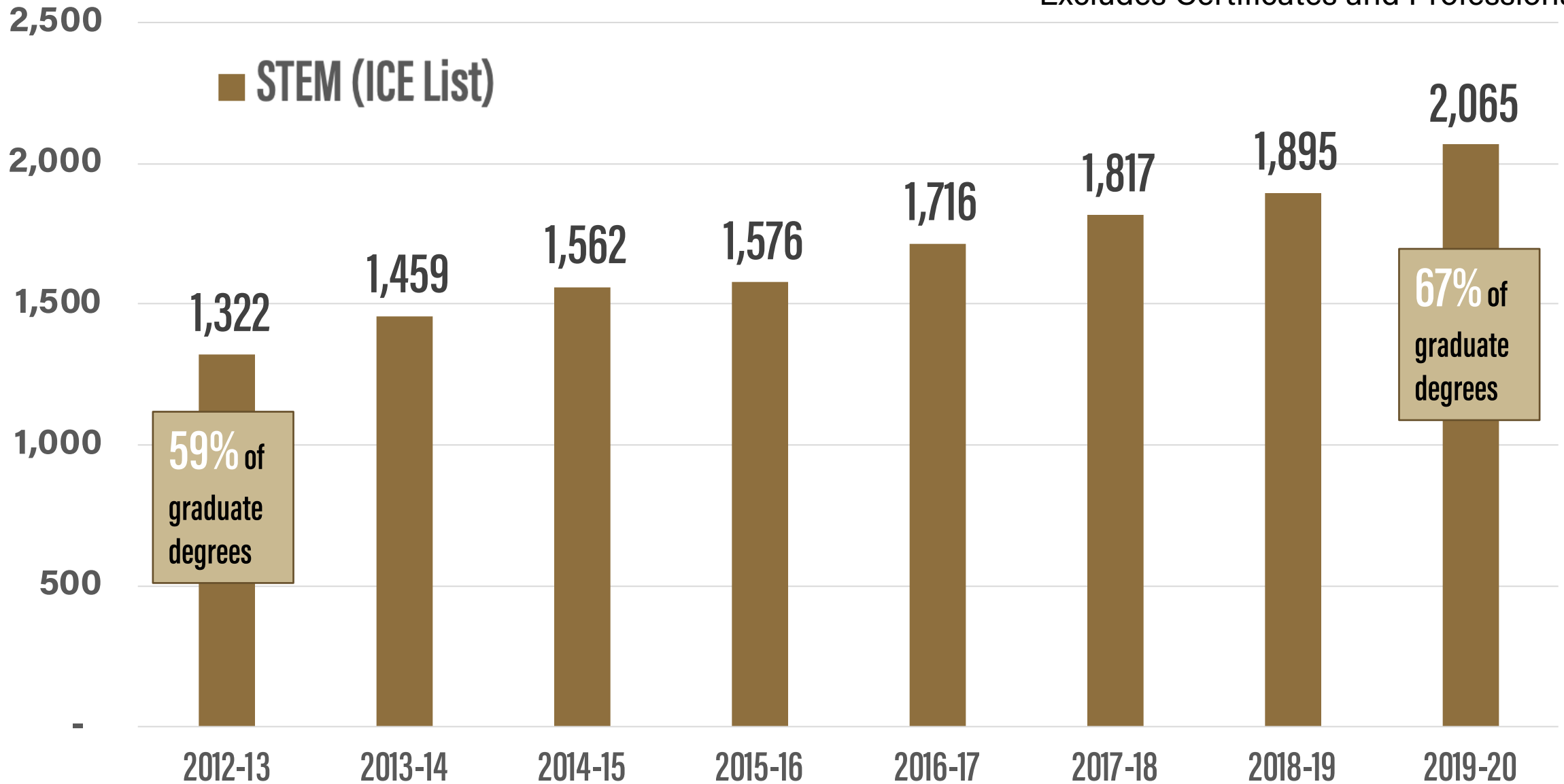
# More STEM Degrees Awarded Annually



*Bachelor's degrees only.*

# STEM Graduate Degrees

\*Excludes Certificates and Professional.



# % of Undergraduate Degrees Awarded in STEM vs Peers

2012-13			2018-19		
Rank	School	% STEM	Rank	School	% STEM
1.	Georgia Tech	77%	1.	Georgia Tech	85%
2.	UC Davis	53%	2.	UC San Diego	68%
3.	UC San Diego	52%	3.	UC Davis	67%
4.	North Carolina State	49%	4.	<b>Purdue</b>	<b>64%</b>
5.	Michigan	46%	5.	UC Berkeley	57%
6.	<b>Purdue</b>	<b>45%</b>	6.	UC Santa Barbara	56%
7.	Virginia Tech	42%	7.	Illinois	54%
8.	Iowa State	40%	8.	North Carolina State	54%
9.	UC Berkeley	39%	9.	Virginia Tech	52%
10.	Illinois	39%	10.	Michigan	52%

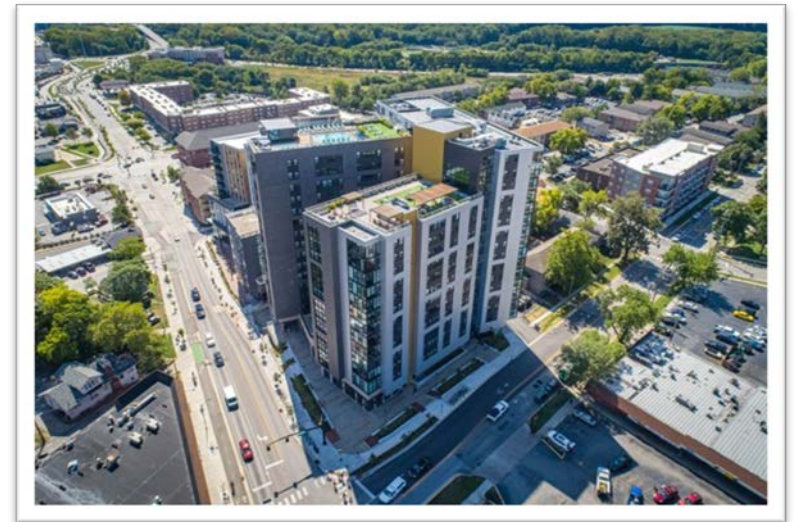
*\*Among Schools with at least 2,000 students.  
Source: IPEDS, which includes statewide technology sites.  
ICE list only.*

# Campus in 2014

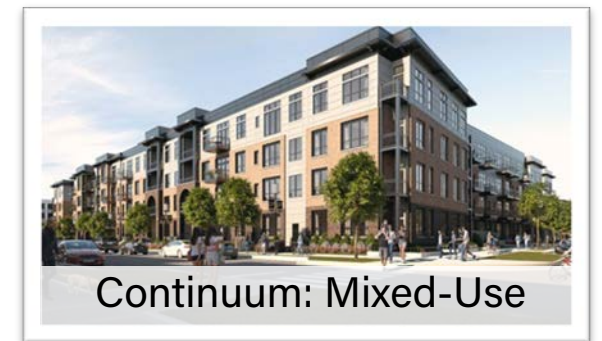


# State Street Renovations 2016-18

- \$120 million State Street Redevelopment Project
- New and improved sidewalks
- 8,300 lane feet of cycle track
- 12,200 lane feet of shared use paths
- 33,700 linear feet of landscaping to buffer pedestrian and vehicular traffic



- \$1 billion, 30-year initiative
- "Live. Work. Learn. Play" vision
- Aerospace District: business hub for collaboration on research & commerce



	Construction	Investment	Investor Type
<b>Work</b>	Purdue Technology Center Aerospace (aka Rolls Royce)	\$6.4 Million	PRF with private leasing
	Convergence Innovation and Collaboration Office Building	\$32 Million	PRF with private leasing
	SAAB Research and Production Facility	\$9 Million	Private
<b>Live</b>	Schweitzer Engineering Labs	\$24 Million	Private
	Continuum (non-student) Apartments	\$46.6 Million	Private
	Aspire student housing	\$85 Million	Private
	Provenance Residential Village	\$136 Million*	Private
<b>Total</b>		<b>\$339 Million</b>	

*\*At full build out*



# Community Growth and Economic Development

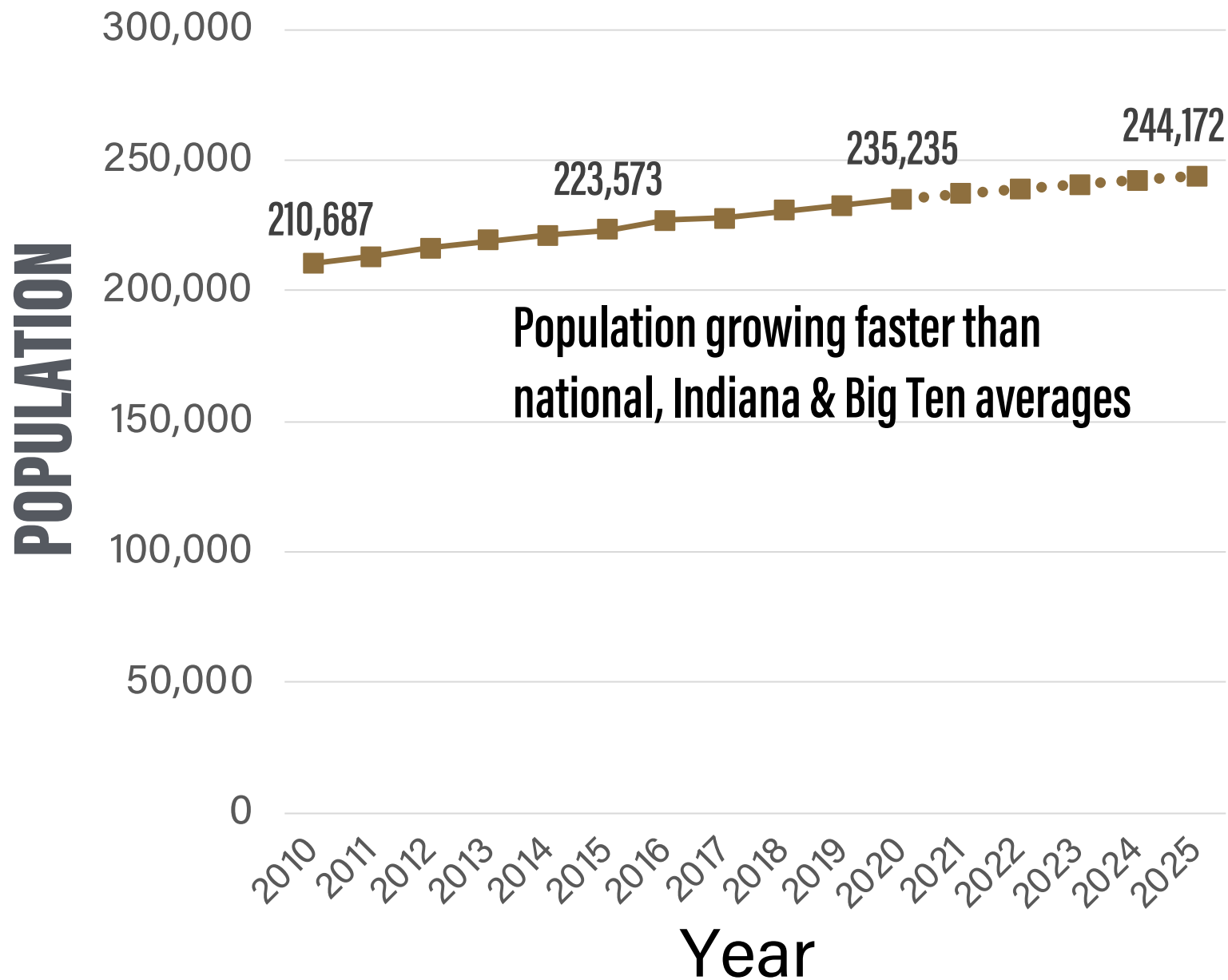


# WL Purdue Research Park Expansion: 2017

- \$12 million, 60,000-square-foot expansion to Kurz Purdue Technology Center
- Largest cluster of technology companies in the state
- 725-acres
- 50 buildings
- 3,200+ employees
- 327,000 sq ft feet of business incubation space
- Average wage for startup companies in excess of \$63K



# Steady Population & Wage Growth: Greater Lafayette



## Real Per Capita Personal Income Growth

- Up 18% in last decade